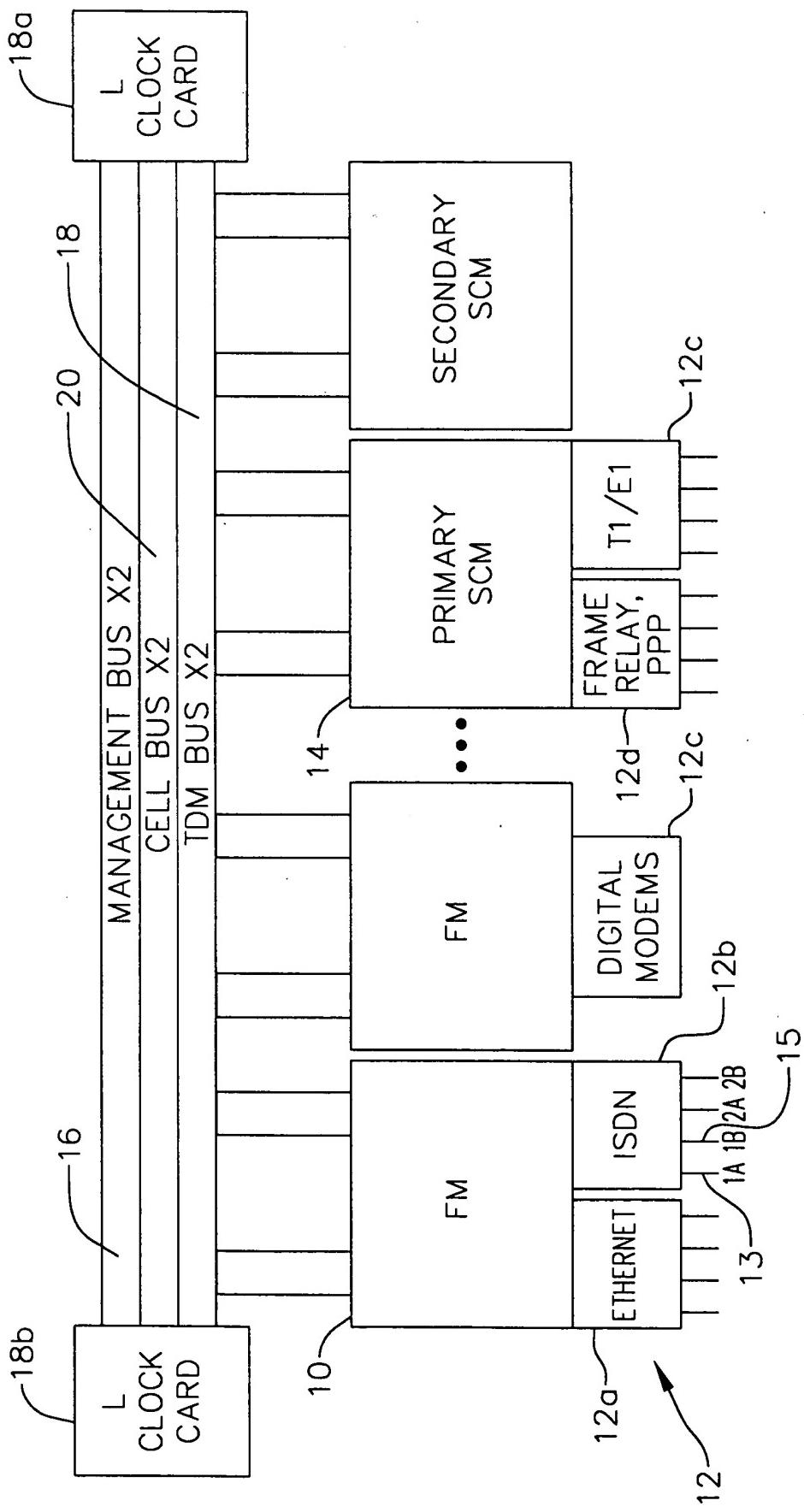


FIG. 1



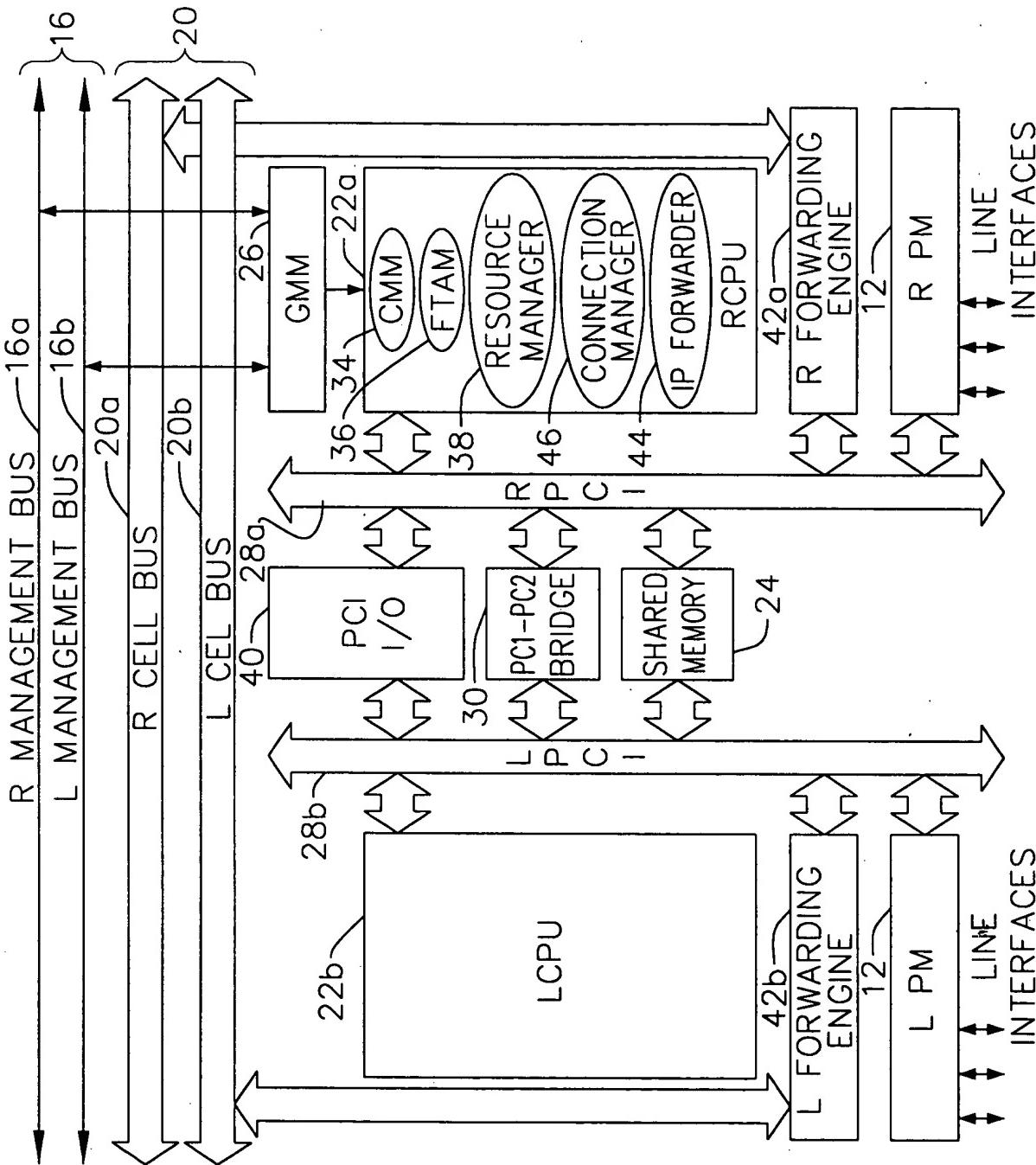


FIG.3

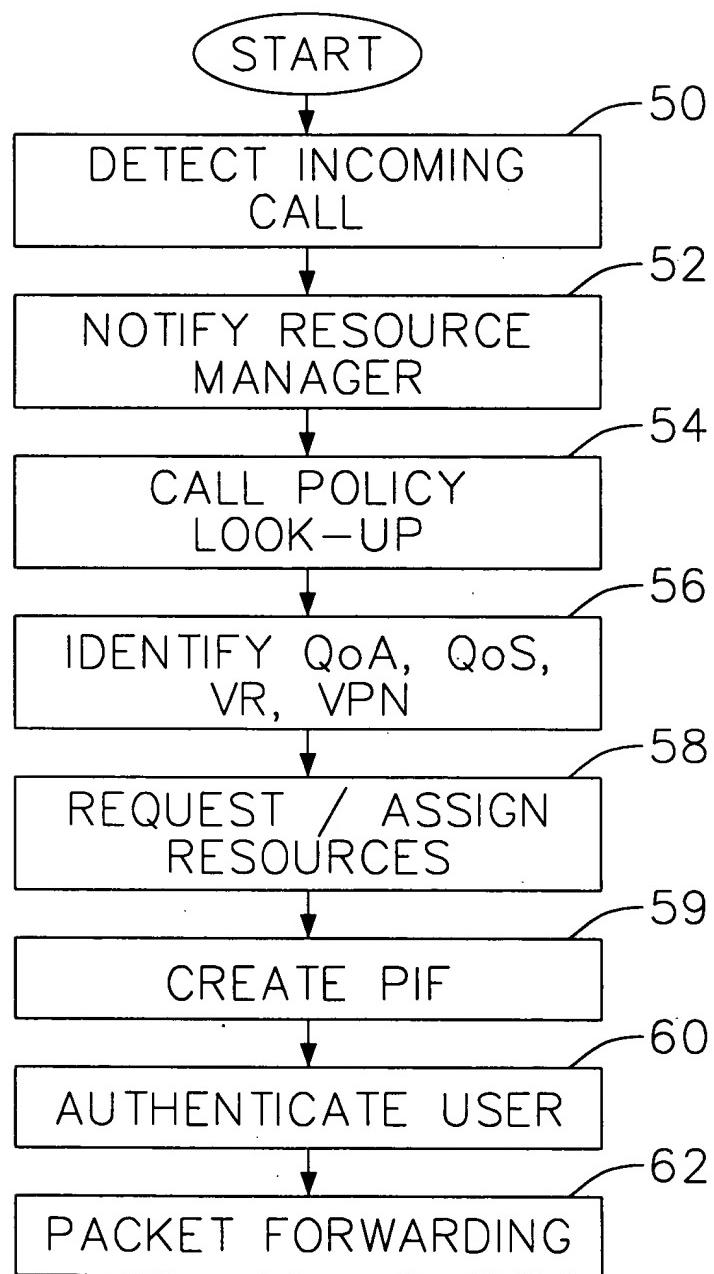
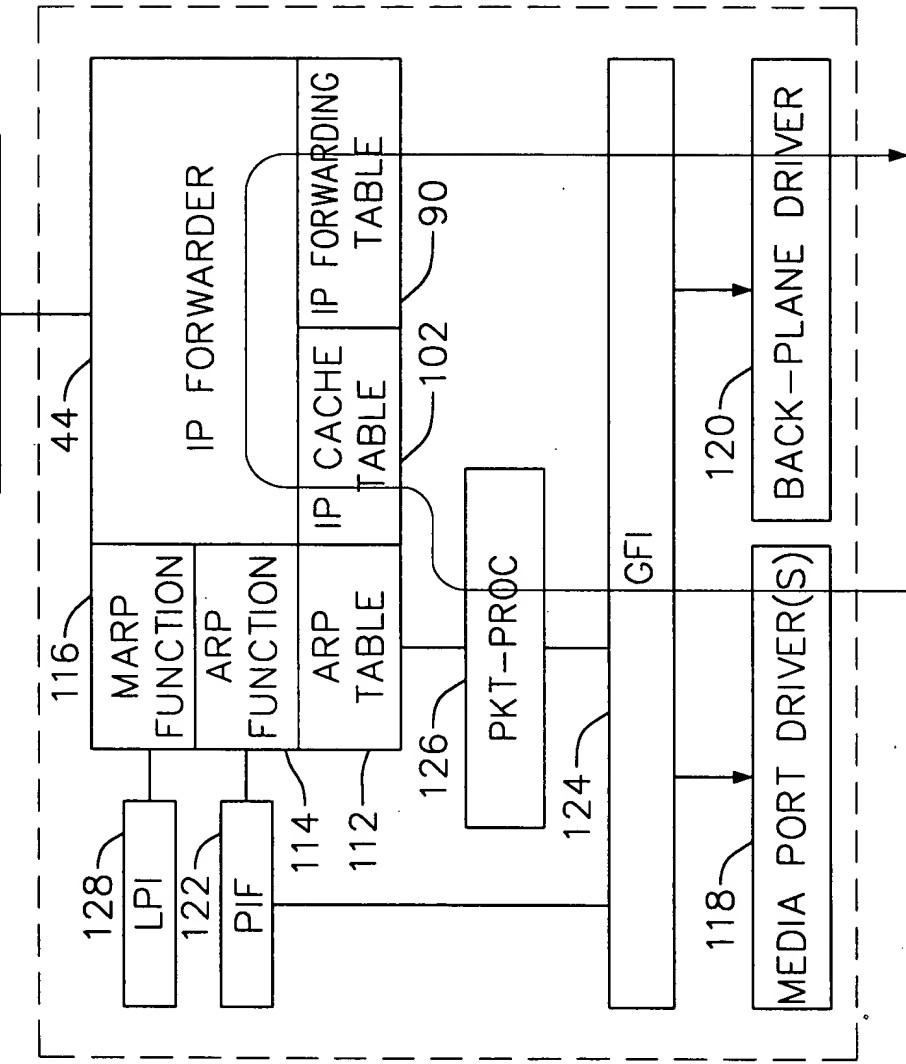


FIG. 4

70



IP Route Table:

Total Routes: 32

Destination	Subnet Mask	NextHop	Owner	Cost
0.0.0.0	0.0.0.0	206.169.142.9	STATIC	1
0.0.0.0	0.0.0.0	206.169.114.17	STATIC	2
0.0.0.0	0.0.0.0	10.1.205.18	OSPF E	11
10.180.180.0	255.255.255.248	10.1.205.18	OSPF E	11
10.3.1.16	255.255.255.240	10.1.130.2	OSPF E	20
10.2.215.64	255.255.255.240	10.1.130.1	OSPF 1	20
10.3.215.64	255.255.255.240	10.1.130.2	OSPF 1	20
10.2.215.0	255.255.255.192	10.1.130.1	OSPF 2	30
10.3.215.0	255.255.255.192	10.1.130.2	OSPF 2	30
10.3.215.128	255.255.255.192	10.1.130.2	OSPF 2	130
10.1.54.0	255.255.255.0	DIRECT	DIAL-POOL 1	
10.131.71.0	255.255.255.0	10.1.205.18	OSPF E	11
10.1.0.0	255.255.0.0	DIRECT	LOCAL	1
10.181.0.0	255.255.0.0	10.1.205.18	OSPF E	11
10.87.0.0	255.255.0.0	10.1.205.18	OSPF E	11
10.89.0.0	255.255.0.0	10.1.205.18	OSPF E	11
10.91.0.0	255.255.0.0	10.1.205.18	OSPF E	12
10.200.0.0	255.255.0.0	10.1.205.18	OSPF E	20
10.77.0.0	255.255.0.0	10.1.51.200	OSPF 1	110
11.22.33.0	255.255.255.0	10.1.16.16	OSPF 1	110
206.169.114.16	255.255.255.252	DIRECT	LOCAL	1
206.169.114.152	255.255.255.248	DIRECT	DIAL-POOL 1	
206.169.114.136	255.255.255.248	DIRECT	DIAL-POOL 1	

Press Enter to Continue, Any other key followed by Enter to Abort:

Fig. 5

PRI-SCM:1.!>=2:netman:ip# view ipf

IP Forwarding Table:

Total IPF table entries: 12

92

94 96 98 100

90

Destination	Subnet Mask	Nexthop	Type	Flags(*)
10.3.238.1	255.255.255.255		SPORT	SD(r)
10.1.6.36	255.255.255.255		SPORT	M
10.1.6.35	255.255.255.255		SPORT	M
10.1.6.34	255.255.255.255		SPORT	M
10.1.6.33	255.255.255.255		SPORT	M
10.1.6.32	255.255.255.255		SPORT	M
10.1.6.31	255.255.255.255		SPORT	M
10.2.238.1	255.255.255.255		SPORT	SD(l)
10.1.6.30	255.255.255.255		SPORT	SD(l)
10.3.0.0	255.255.0.0		SPORT	PD(r)
10.2.0.0	255.255.0.0		SPORT	PD(l)
10.1.0.0	255.255.0.0		SPORT	PD(l)
0.0.0.0	0.0.0.0	206.169.142.9	SPORT	R

(*) D: Direct (and l = local card only, r = remote card only),
S: System i/f, R: Remote, P: Supernet, F: Default, and M: Mgmt.

Actual IPF Table Entries: 12

Fig. 6

Total IP Cache Entries: 3

Destination ¹⁰⁴	Source ¹⁰⁶	Out Port ¹⁰⁸	Header ¹¹⁰
207.200.77.45	206.169.114.138	Fr.1.5.2.3.1	08001000cca97211
206.169.114.	142 10.1.1.25	Mo.1.3.1.1.29	0800201dcea9728e
198.41.0.5	206.169.114.138	Fr.1.5.2.3.1	08000000cea97211

102

Fig. 7

112

IP ARP Table:			
IP Address	MAC Address	Physical Port	Type(*)
10.1.1.101	00-ff-4a-3d-2f-1a	En.1.3.1.1.1.	S
10.1.5.100	00-ff-ff-01-ff-20	En.1.3.2.1.1.	D
150.140.140.30	08-00-09-ff-65-ff	En.1.3.1.1.14	LB
147.128.128.60	08-00-09-ff-38-38	En.1.3.1.1.10	D
10.1.5.109	00-ff-ff-04-02-ff	En.1.3.2.1.8	S

(*) R: Rmt, L: Lcl, D: Dyn, S: Stat, P: Pt2Pt, T: Route and B: Bcast

Total Arp Table Entries: 5

Fig. 8

FIG. 9

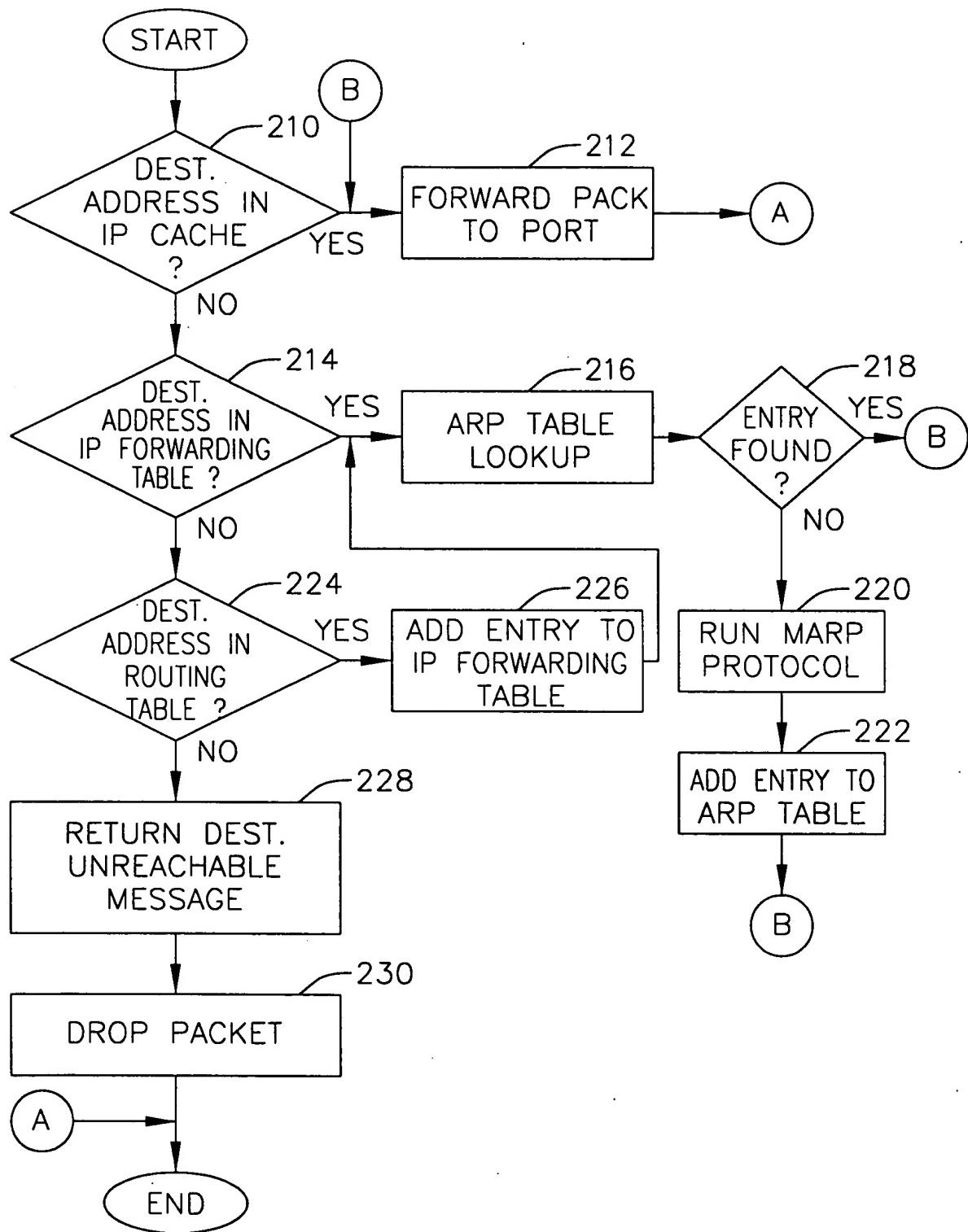


FIG. 10

DOMAIN NAME	NEXT HOP ROUTER
ISP1	206.169.142.9
ISP2	206.169.114.17
⋮	⋮
ISPN	206.169.152.3
⋮	⋮
⋮	⋮

FIG. 11

291	SEARCH KEY	CALLED-NUM.
292	SOURCE LINK	N/A
293	SOURCE CHANNEL	N/A
294	CALL TYPE:	MODEM
296	SERVICE TYPE:	PPP
298	QUALITY OF ACCESS:	1
300	QUALITY OF SERVICE:	1
302	VR ID:	1
304	VPN ID:	111
306	AUTH. SOURCE:	RADIUS
308	PRY DNS ADDR:	206.169.25.3
310	SCRY DNS ADDR:	206.169.25.100
312	PRY RADIUS SRVR:	10.1.125.26
314	SCRY RADIUS SRVR:	10.1.6.15
316	PHONE NUMBER DOMAIN ID	555-5555 004
318		•••

000000 000000 000000 000000

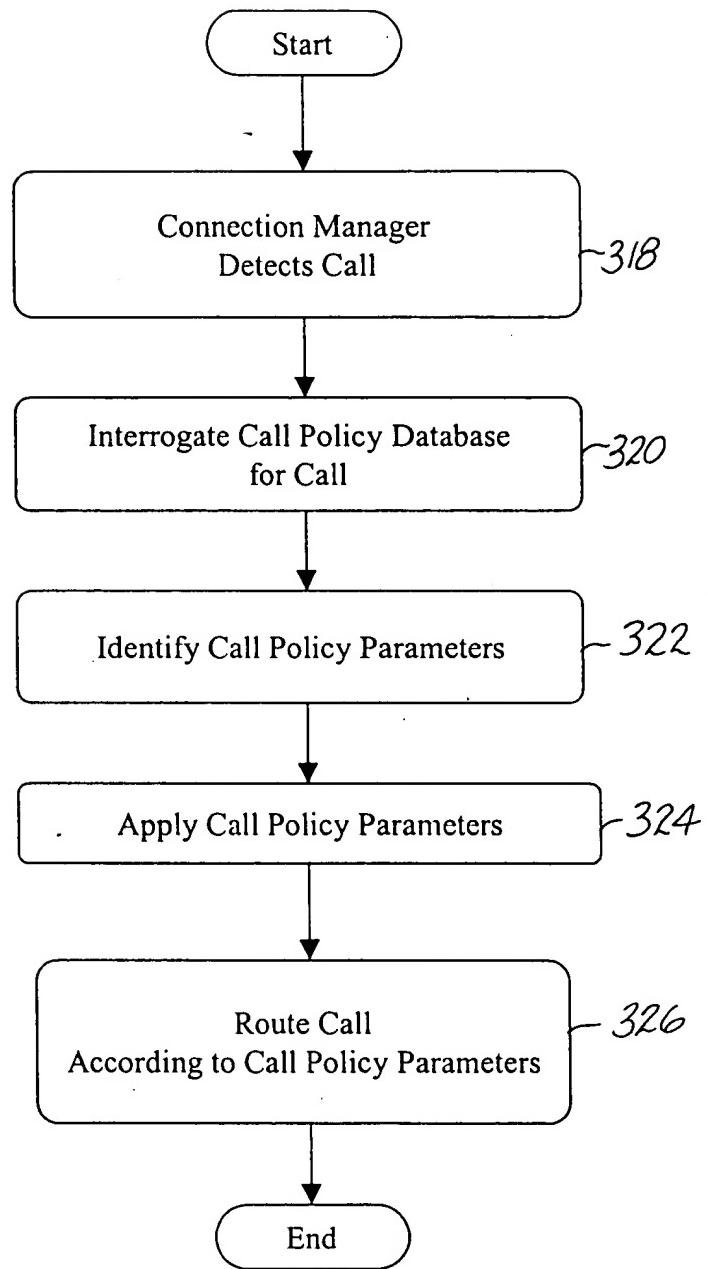


Fig. 12

FIG. 13

QoA LEVEL	ACCESS THRESHOLD
1	100 %
2	75 %
3	50 %
4	25 %

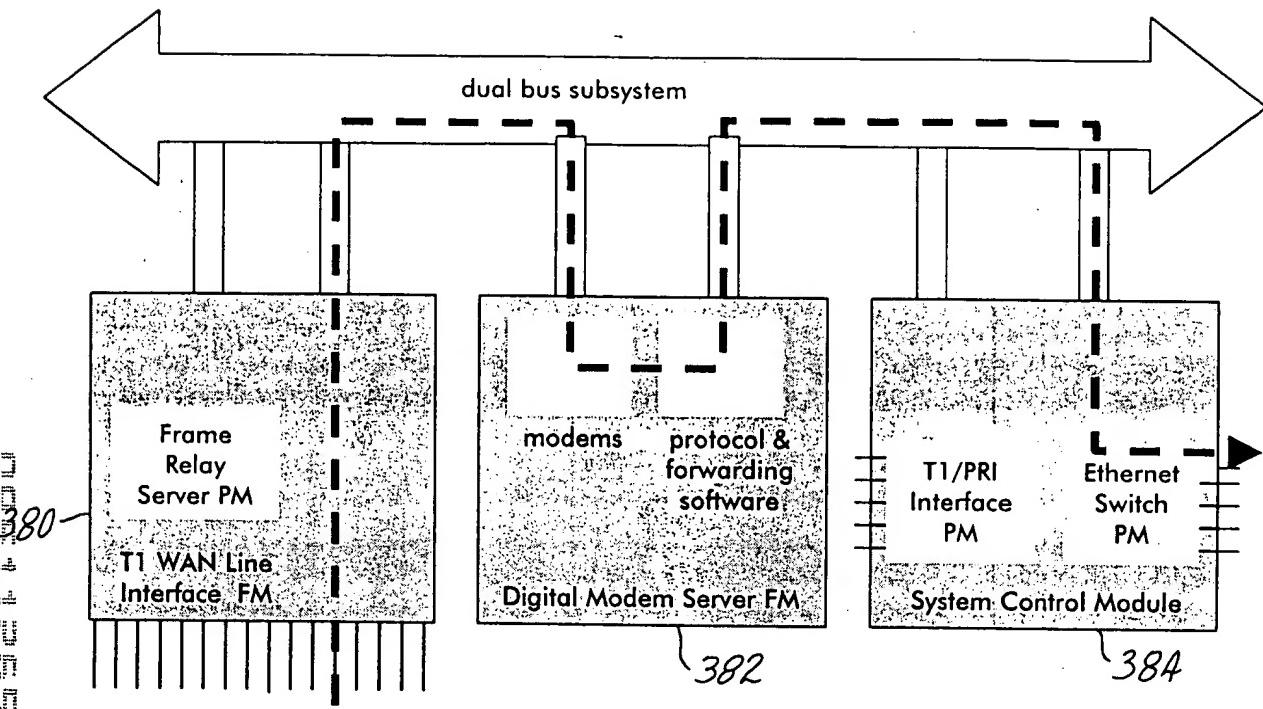


Fig. 14

334

MODEM RESOURCES

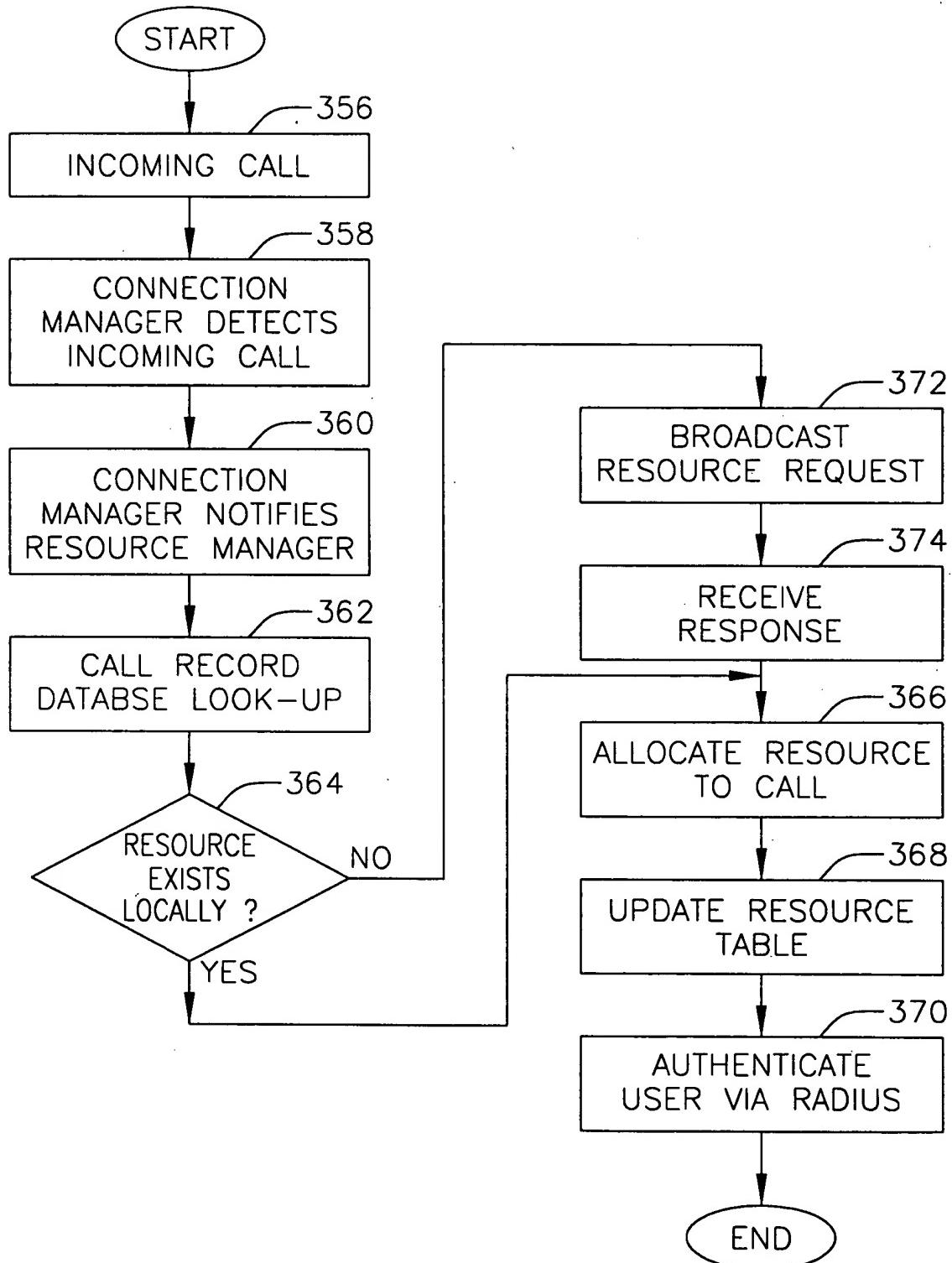
336 - VR ID = 111
338 - Max Local Resources = 32
340 - Max Global Resources = 32
342 - Current Local Resources = 29
344 - Current Global Resources = 29

346 - QOA LOCAL QOA GLOBAL QOA ACCEPT LOCAL ACCEPT GLOBAL
----- 348 ----- 350 ----- 352 ----- 354
1 0 0 YES YES
2 8 8 YES YES
3 16 16 YES YES
4 24 24 YES YES

Fig. 15

FIG. 16

00000000000000000000000000000000



001477500 - 0000000

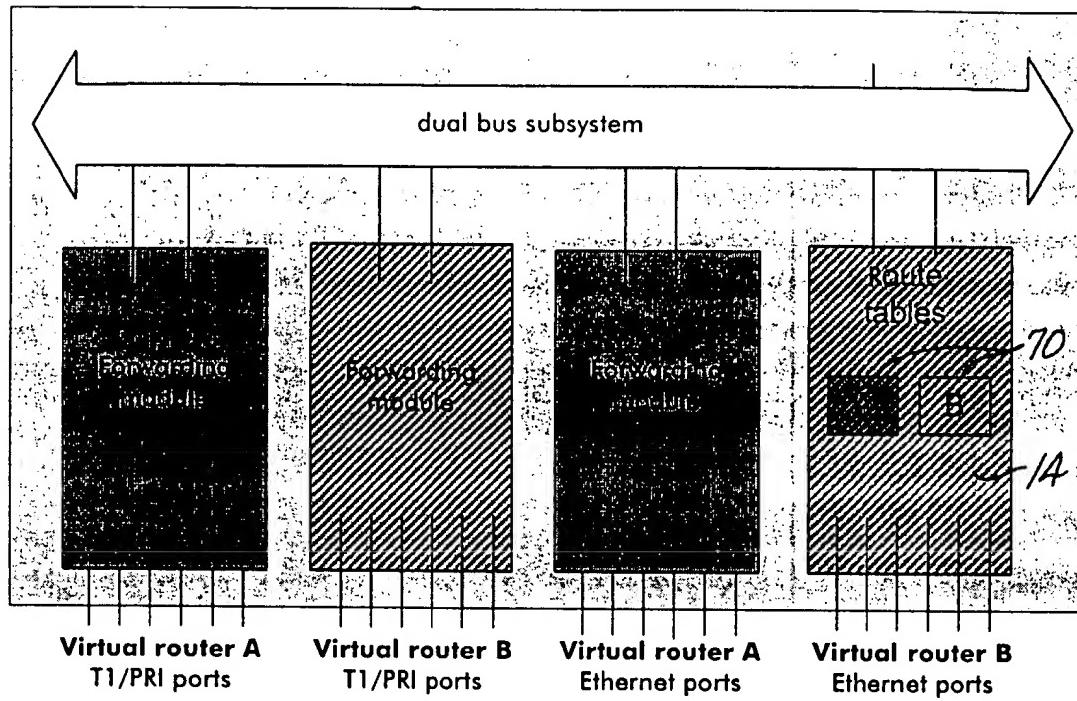


Fig. 17

(240)

242

IP VPN Sessions:

ID	VPN-ID	Source-Addr	Source-Mask	Dest-Addr	Dest-Mask
1	111	any	any	10.1.0.0	255.255.0.0
2	any	10.1.0.0	255.255.0.0	208.227.214.0	255.255.255.0
3	any	10.1.0.0	255.255.0.0	10.1.0.0	255.255.0.0
4	any	10.1.0.0	255.255.0.0	206.169.114.128	255.255.255.192
5	any	any	any	10.1.0.0	255.255.0.0
6	any	10.1.0.0	255.255.0.0	any	any
7	any	any	any	any	any

Fig. 18

000000000000000000000000

256-

PRI-SCM:1.2>=14:netman:ip#

IP VPN Rules:

ID	Pri	Action	IP-Proto	App-Proto	SessCnt	Pkt Count
1	1	Fwd	tcp	ftp	5	3939981
2	1	Drop	all	-	2	3

PRI-SCM:1.2>=14:netman:ip#

254
)

Fig. 19

270)

PRI-SCM:1.1>=3:netman:ip# view ppn-filter
IP VPN List of rules attached to sessions:
SessID Rule List (In order of priority)

1 1
2 1
3 1
4 1
5 2
6 2
7 1

PRI-SCM:1.1>=4:netman:ip#

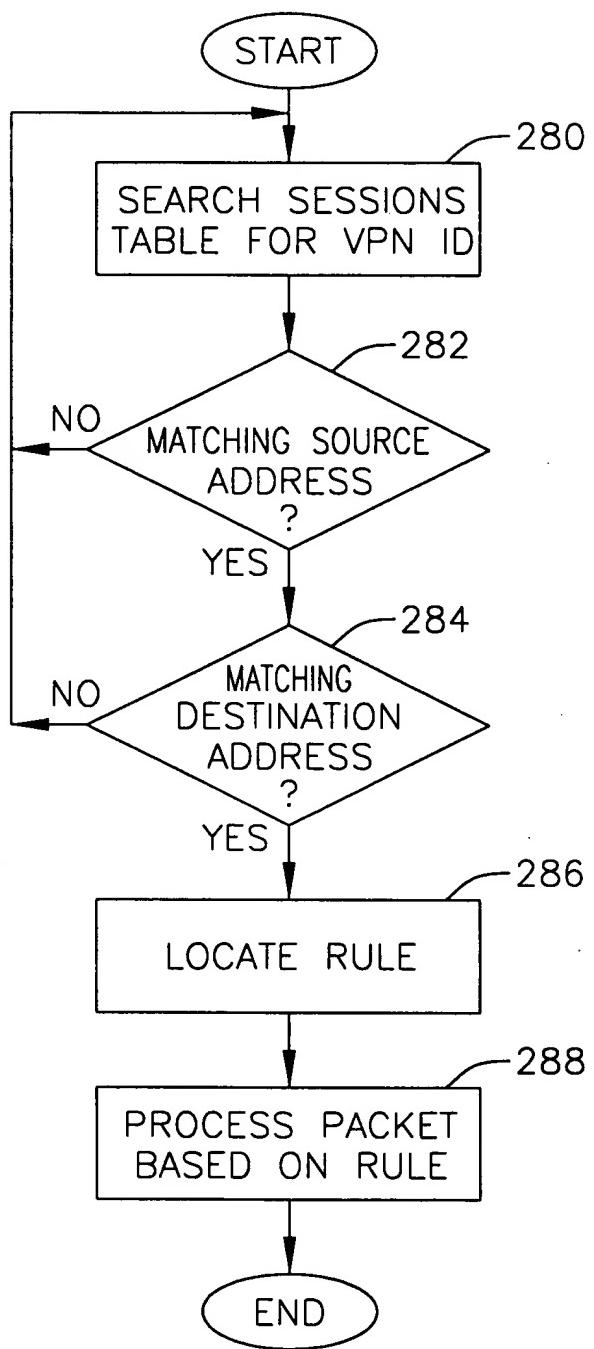
272~

274

2020-02-26 10:20:00

Fig. 20

FIG.21



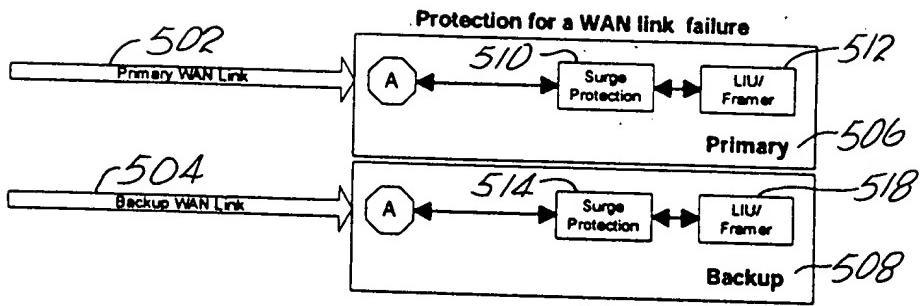


Fig. 22

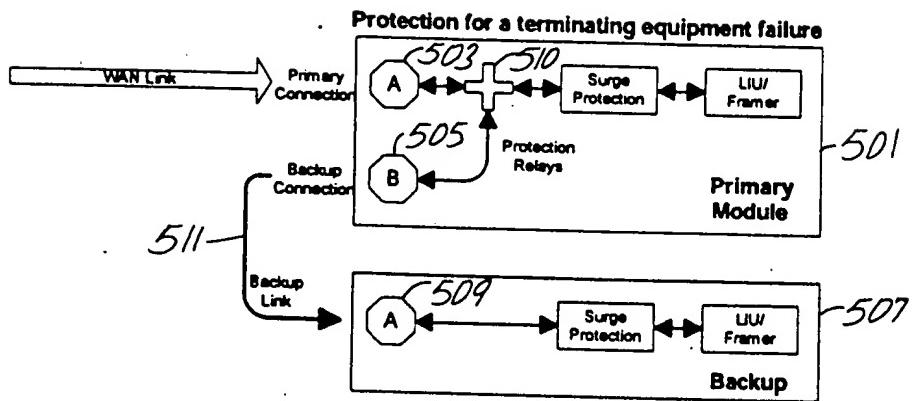


Fig. 23

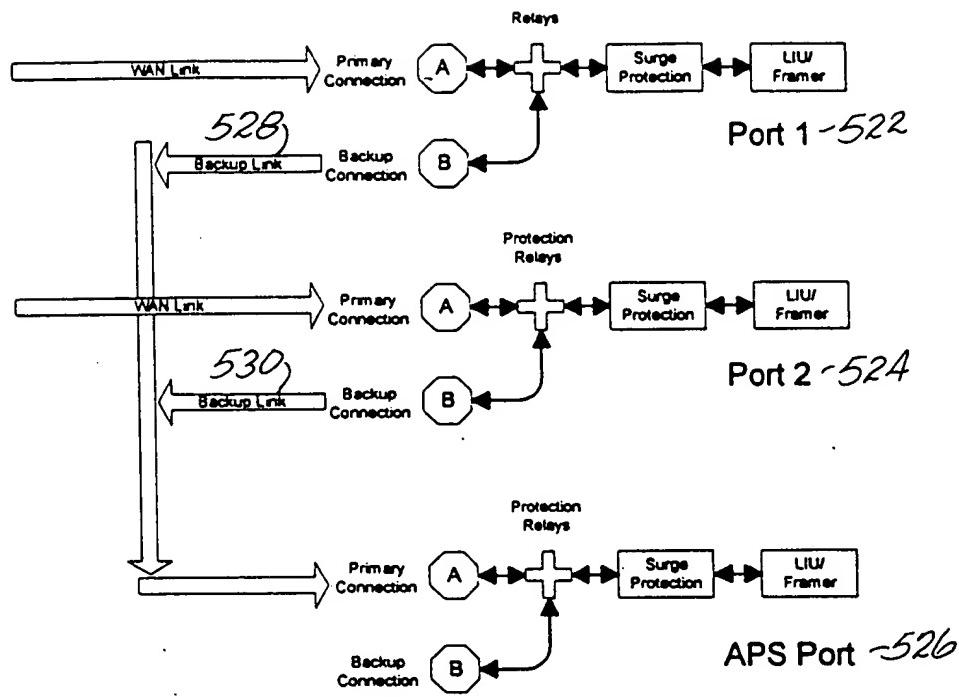


Fig. 24

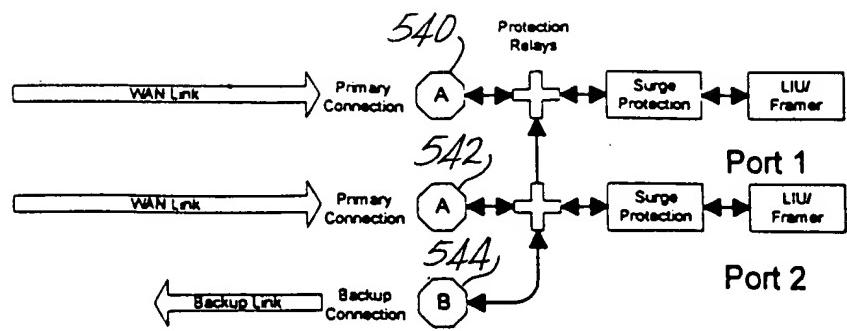


Fig. 25

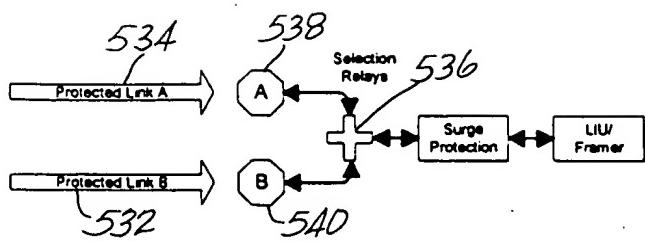


Fig. 26

卷之三

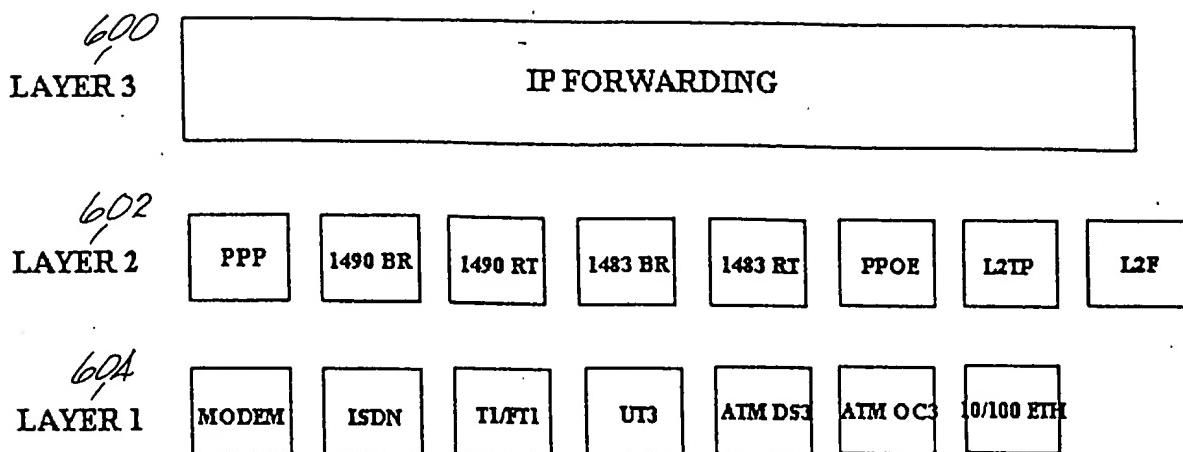
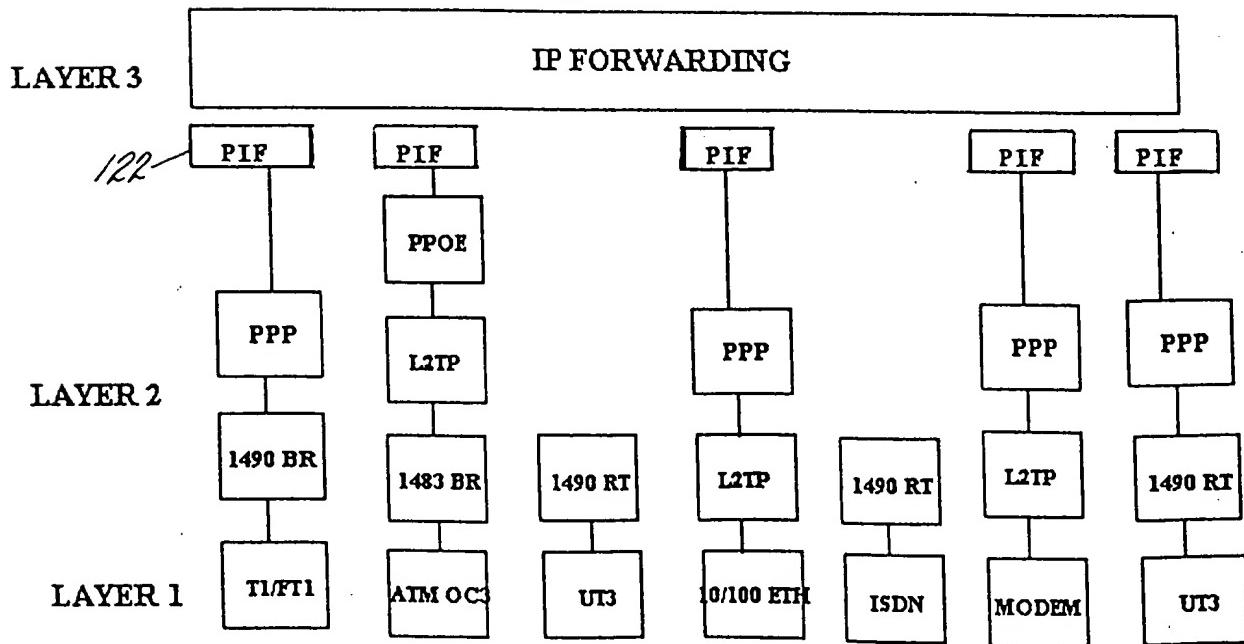


Fig. 27

Fig. 28



0000000000 = 00000000

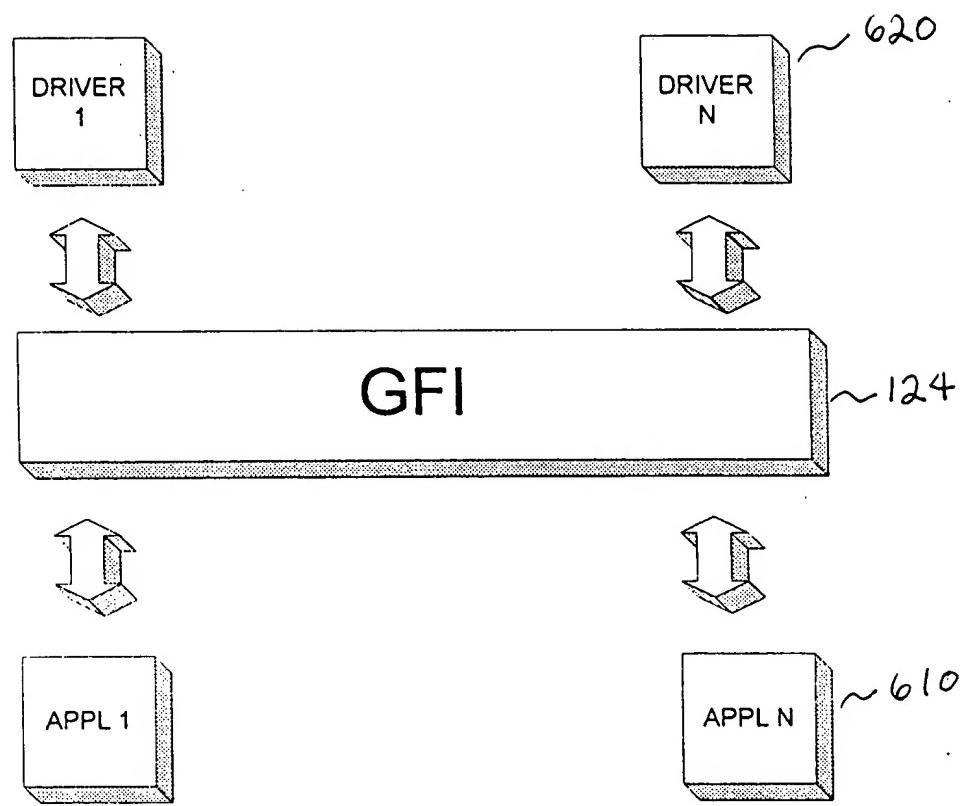


Fig 29

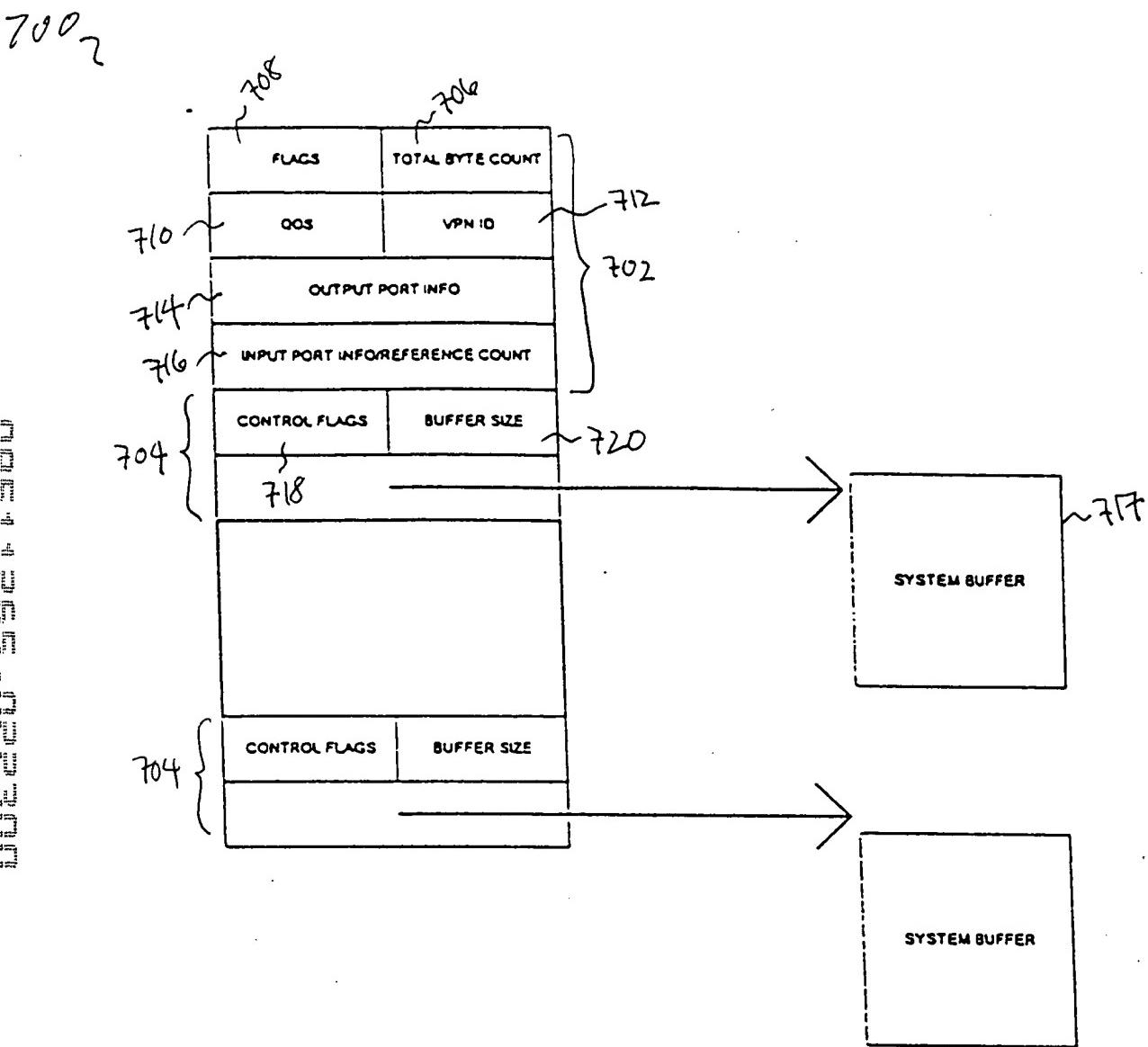


Fig 30

FPA

	CHASS	SLOT	PM	CONT	PORT NUM
--	-------	------	----	------	----------

Fig 31

PPA

	CHASS	SLOT	PM	LINK	CHAN NUM
--	-------	------	----	------	----------

Fig 32

INPUT PORT FORMAT

28 27	24 23 22 21	18 17	12 11
S P A A A A E	S P A A A A E	PORT TYPE CHASE CARD CONTROLLER	PORT

↑
716

Fig 33

Port Addr Range

Type

Chass

Card

Control

0-19	Well Known Interned Multicast Addresses	NA	NA	0
20-28	Well Known Interned Unicast Addresses	NA	Card Num	0
40-79	Well Known External Multicast Addresses	NA	NA	0
80-511	Dynamic External Multicast Addresses	NA	NA	0
512-2048	Remote Port Addresses	Chass Num	Card Num	0

Fig. 35

OUTPUT PORT FORMAT

28 27 26 25 24 23 22 21 18 17 12 11

RELEASE 22	C C	MULTI CAST	S P A R E	S P A R E	S P A R E	CHASSIS	CARD	CONTROLLER	PORT
---------------	--------	---------------	-----------------------	-----------------------	-----------------------	---------	------	------------	------

Fig 34

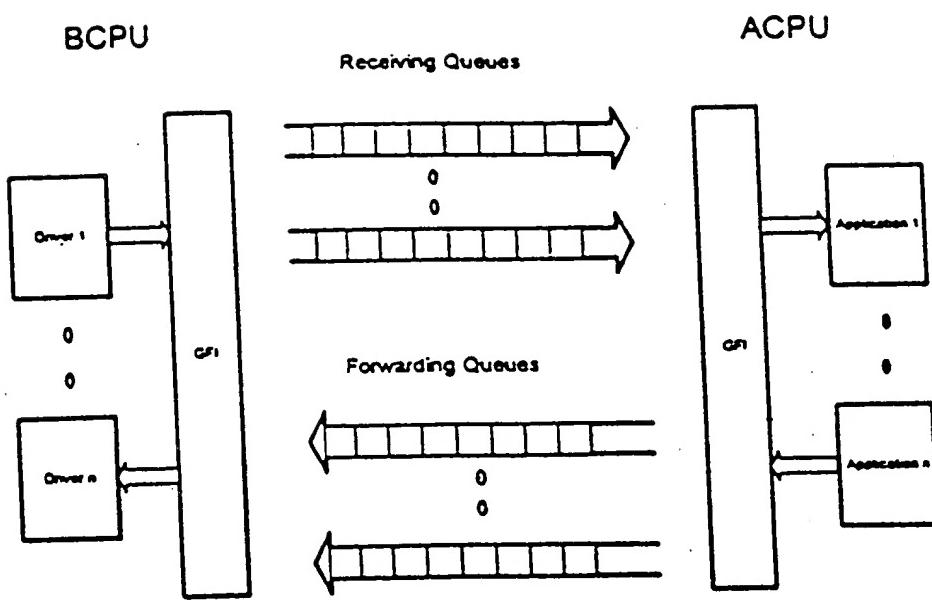


Fig 36

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